

**Target Chemical List Subcommittee  
Washington Navy Yard  
1333 Isaac Hull Avenue, SE  
Washington DC 20376  
20 August 2003**

## **INTRODUCTION**

The participants included: LTJG Jon Pentzien, Tom Cook, Lyn Carroll, Nicole Starrette, Mike Host, Ben Zlateff, Jeff Dell'Omo, Bert Torres, and Kim Gray

## **REVIEW OF PDS**

The group started off by reviewing the revised PDS. Listed below are the additions/changes:

- Problem Statement – members wanted to add the year of the referenced signed April letter
- Project Objective Statement – ok
- Stakeholders - members wanted to add, “and other affiliated NAVSEA programs and organizations.
- Program Element – ok
- Potential Products/Deliverables – ok, however if issues needed to be divided out, a separate subcommittee would be formed to address those issues
- Metrics – The group agreed that \$ (dollars) shouldn't be used to measure Target Chemical Usage. They felt that the unit of measure should be “procurement” – Quantities in pounds
- Assumptions/Analysis – (1) Assume the baseline chemicals are in the April 2003 letter; (2) Assume gross workload at all NAVSEA facilities is constant; (3) Analysis: track metrics to the chemical as well as gross.
- POA&M – can be found on the [PDS](#).

## **DISCUSSION**

How can the subcommittee become a more active player in the acquisition community? Some suggestions were to come up with a substitute list that the acquisition community could use. However, if this was done the next question was where would this list be contained. Some felt it should be placed in the front end of the contract.

LPD-17 program is getting ready to start their Integrated Logistic Support (ILS). LTJG Pentzien informed the group that he had offered the assistance of the subcommittee to help their program find substitute for their chemicals.

## **NAVSEA/NAVFAC SOLVENT USE**

Phase I of this study established a baseline of industrial cleaning solvents in use at selected NAVSEA facilities. The intent is proposing use of environmentally compliant substitutes without sacrificing either process effectiveness or fiscal responsibility (i.e., in material procurement and waste disposal). Some of the observations were:

- (HAPs) comprise approximately 15 percent (43,690 pounds)
- Eight of the 16 NAVSEA target chemicals were identified as component of the reported solvents
- Nearly 96 percent of the solvents reported contained VOCs.
- Negligible Photochemical Reactivity Chemicals make up only 9,129 pounds (~3 percent) of the total report
- Cleaning processes that utilize xylene, n-butyl alcohol and MEK generated nearly 63,000 pounds of VOC (30%).
- Mineral Spirits are most extensively utilized for general-purpose solvent use.

Phase 2 will use the information obtained in the Survey Report “Cleaning Solvent Usage at NAVSEA Field Activities for calendar year 2001” and other available databases. Then identify for replacement specific solvents presently used in shipyards and identify their associated industrial processes, associated documentation and stakeholders. This approach will start with a kick off meetings with stake holders. From there identify Substitution Candidates from Presently Used Solvents, determine ranking/screening criteria, screen presently used cleaning solvents, and verify with shipyards (NNSY

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First). Some members from NNSY were very skeptical of being used as the first shipyard. Mr. Zlateff stated that NNSY was chosen as the first shipyard because they (NNSY) already had the P<sub>3</sub>OSEIDONS database. There was still some reservations on the part of NNSY and they request a meeting be set up to discuss this issue farther.

Mr. Jeff Dell'Omo gave a brief overview of the work that is currently being done at NSWC Carderock. Currently, they have a HM data system that they are using that could possibly help the acquisition community. At the present time this database contains HM from the VA Class, T-AKE, just to name a few. LTJG Pentzien stated that he gave them permission to use the NAVSEA Target Chemical List to be added to their database. Mr. Zlateff took an action to talk more to Mr. Dell'Omo about doing a beta testing of the database.

**ACTION ITEMS**

1. Based on the signed NAVSEA April 2003 letter NAVSEA 04RE would like those NAVSEA field activities participating in the target chemical subcommittee to provide 2001 and 2002 data on total quantities (in pounds) for each of the 16 target chemicals used during that timeframe. Also, if you have an influx of new chemicals that are being used that were not in the signed letter, but should be on a subsequent revision, please submit those chemicals as well. Lastly, we would like to have the top 3 big hitters that your shipyard is currently having a problem with. These chemicals may not necessarily be the largest quantities used. **Due by – 10 September 03 to Ms. Kim Gray**
2. Ms. Lyn Carroll to provide a copy of the naval message entitled *NAVSEA APPROVED ADVANCED COATING SYSTEMS* to the subcommittee. **This action is complete, provided during the meeting.**
3. Mr. Ben Zlateff to talk with Mr. Jeff Dell'Omo about NSWC CD Web Based application on chemical uses shipboard and its application
4. Mr. Ben Zlateff set up a coordination meeting with Mike Host and NNSY on Solvent Uses Project. **This action is complete. Meeting held 27 August 03. Mr. Mike Host has some reservations about the amount of support required, and that the study is focusing on General Purpose Cleaning Solvents and not the ones in Paint which are by far his biggest concern. He will support the project and address the concerns as they arise.**

**ADJOURN**

The next meeting will be held during the 16 September.